NOVEMBER/DECEMBER 2024

23USDA13 — FUNDAMENTALS OF INFORMATION TECHNOLOGY (SEC)

Time : Three hours Maximum : 75 marks

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SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Why computer is called a "System"?
2. What are the limitations of computers?
3. Differentiate printers and plotters.
4. List down any three output devices.
5. What are the limitations of secondary storage?
6. Write any two differences between RAM and ROM.
7. What is the importance of an operating system?
8. What is called a cell?
9. Describe file management in windows.
10. How do you measure the performance of a system?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What is a computer? Explain the applications of computers.

Or

(b) Explain the classification of computers.

12. (a) Discuss about the pointing devices with example.

Or

(b) Explain the types of printers with example.

13. (a) Explain how data is stored on a floppy disk.

Or

(b) Explain the working of Flash memory.

14. (a) Explain the types of Programming Languages?

Or

(b) Discuss the features of DBMS.

15. (a) What is multiprocessing? Explain.

Or

(b) Explain in detail about the use of Assemblers.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Draw the block diagram of the computer and explain its parts in detail.

17. Explain about voice recognition and vision Input systems.

18. Write down the relative merits of secondary storage devices.

19. What are the uses of word processing and explain its main features.

20. What is an Operating System? Explain file system of Linux and Unix Operating System.

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